



IFW

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Watts, Michael P.C.

App. No.: 10/827,118 GPAU: 1732

Filing Date: April 19, 2004 Examiner: Stefan Staicovici

Dkt. No.: P102-44-03 Conf. No.: 1452

For: Method of Forming a Deep-Featured Template Employed in  
Imprint Lithography

**INFORMATION DISCLOSURE STATEMENT**

Mail Stop AMENDMENT  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

The following information is submitted in compliance with  
Applicants' duty of disclosure and pursuant to 37 C.F.R. § 1.56,  
§ 1.97 and § 1.98. The undersigned brings the patents,  
publications, applications or other information identified in the  
attached:

Form(s) PTO/SB/08A and/or PTO/SB/08B or PTO/1449  
 Other:

to the Examiner's attention in the above-identified application.  
It is respectfully requested that the cited information be  
expressly considered during the prosecution of this application,  
and the references be made of record therein and appear among the  
"references cited" on any patent to issue therefrom.

This Information Disclosure Statement is being filed:

before the mailing date of a first Office action on the  
merits or before the mailing date of a first Office action after  
the filing of a request for continued examination under § 1.114.  
Therefore, no fee is believed required.

Applicants do not believe that any additional fees are due,  
but if the Commissioner believes additional fees are due, the

Commissioner is hereby authorized to charge any fees which may be required, or credit any overpayment, to Deposit Account Number 502650.

CERTIFICATE OF TRANSMISSION

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as either First Class Mail or Express Mail, in an envelope addressed to the Commissioner for Patents.

Signed: Katrina Prati  
Typed Name: Katrina Prati

Date: 7-6-05

Respectfully Submitted,



Michael D. Carter  
Reg. No. 56,661  
Registered Patent Agent  
Legal Department  
Molecular Imprints, Inc.  
P.O. Box 81536  
Austin, TX 78758-1536  
(512) 339-7760  
(512) 491-8918 (fax)

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number

Substitute for form 1449A/PTO				<b>Complete if Known</b>													
<p style="text-align: center;"><b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b></p> <p style="text-align: center;">(use as many sheets as necessary)</p> <p style="text-align: center;">Sheet 1 of 2</p>				<table border="1"> <tr> <td>APPLICATION NUMBER</td> <td>10/827,118</td> </tr> <tr> <td>FILING DATE</td> <td>04/19/2004</td> </tr> <tr> <td>FIRST NAMED INVENTOR</td> <td>Watts et al.</td> </tr> <tr> <td>Group Art Unit</td> <td>1732</td> </tr> <tr> <td>Examiner Name</td> <td>Staicovici, Stefan</td> </tr> <tr> <td>Attorney Docket Number</td> <td>P102-44-03</td> </tr> </table>		APPLICATION NUMBER	10/827,118	FILING DATE	04/19/2004	FIRST NAMED INVENTOR	Watts et al.	Group Art Unit	1732	Examiner Name	Staicovici, Stefan	Attorney Docket Number	P102-44-03
APPLICATION NUMBER	10/827,118																
FILING DATE	04/19/2004																
FIRST NAMED INVENTOR	Watts et al.																
Group Art Unit	1732																
Examiner Name	Staicovici, Stefan																
Attorney Docket Number	P102-44-03																

<b>U.S. PATENT DOCUMENTS</b>						
Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Document Number	Kind Code <sup>2</sup> (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	D1	5,206,983		Guckel et al.	5/4/1993	
	D2	6,117,708		Wensel	9/12/2000	
	D3	6,316,290		Wensel	11/13/2001	
	D4	2003/0205657		Voisin	11/6/2003	
	D5	2004/0163563		Sreenivasan et al.	8/26/2004	
	D6	2004/0168586		Bailey et al.	9/2/2004	
	D7	6,190,929		Wang et al.	2/20/2001	
	D8	4,722,878		Watakabe et al.	2/2/1988	
	D9	2002/0175298		Moniwa et al.	11/28/2002	
	D10	2005/0051698		Sreenivasan et al.	3/10/2005	
	D11	2005/0064344		Bailey et al.	3/24/2005	
	D12	2005/0067379		Sreenivasan et al.	3/31/2005	
	D13	5,477,058		Sato	12/19/1995	
	D14	2005/0084804		Truskett et al.	4/21/2005	

Examiner Signature	Date Considered
--------------------	-----------------

\*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending on the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450.. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number

Substitute for form 1449A/PTO				<b>Complete if Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>					
<i>(use as many sheets as necessary)</i>					
Sheet	2	of	2	Examiner Name	Staicovici, Stefan
				Attorney Docket Number	P102-44-03

**OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	D15	SHIBUCHI ET AL., Super Water- and Oil-Repellent Surfaces Resulting from Fractal Structure, Journal of Colloid and Interface Science, Vol. 208, no. 1, pp. 287-294 12/1/1998	
	D16	APPLICATION NO. 10/917,761, naming Inventors McMackin et al., entitled A Moat System for an Imprint Lithography Template, filed 8/13/2004	
	D17	APPLICATION NO. 11/051,941, naming Inventors McMackin et al., entitled Imprint Lithography Template to Facilitate Control of Liquid Movement, filed 2/4/2005	
	D18	TANIGUCHI ET AL., Diamond Nanoimprint Lithography, Nanotechnology, 2002, vol. 13, no. 5, pp. 592-596(5) 1/1/2002	
	D19	KIYOHARA ET AL., Abstract of Plasma Etching of CVD Diamond Films using an ECR-type Oxygen Source, <a href="http://www.iop.org/EJ/abstract/0957-4484/10/4/304">http://www.iop.org/EJ/abstract/0957-4484/10/4/304</a> 9/26/2003	

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

\*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending on the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450.. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.